MTS5003USPCT

We claim:

- A method for reducing time to result in immunohematology assays, comprising:
 - (a) incubating a sample with antigen positive RBCs at 37°C with continuous agitation;
 - (b) centrifuging the sample in an anti-IgG matrix for 10 minutes; and
 - (c) reading the result.

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- 2. The method of claim 1 wherein the sample is plasma or serum.
- 3. The method of claim 1 wherein the continuous agitation is provided by a mechanical agitation block.
 - 4. The method of claim 1 wherein the continuous agitation is provided manually.
- 5. The method of claim 1 wherein the anti-IgG matrix comprises a gel.
 - 6. The method of claim 1 wherein the anti-IgG matrix comprises glass beads.

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- 7. The method of claim 1 wherein the anti-IgG matrix is disposed in a microtube.
- 8. The method of claim 1 wherein the antigen 30 positive RBCs in step (a) is admixed with a low ionic strength diluent.
 - 9. The method of claim 8 wherein the low ionic strength diluent is less than about 0.03 M.

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- 10. A method for reducing time to result in immunohematology assays, comprising:
 - (a) providing a microtube containing an upper chamber and a lower chamber which contains an anti-IgG matrix for separating agglutinated from non-agglutinated cells;
 - (b) admixing a sample with antigen positive RBCs;(c) depositing the product of the admixture of step (b) to the upper chamber of the microcolumn;
 - (d) incubating the product of the admixture of step (b) at 37°C with continuous agitation for 2 minutes;
 - (e) centrifuging the microtube; and
- 15 (f) reading the result.
 - 11. The method of claim 10 wherein the sample is plasma or serum.
- 20 12. The method of claim 10 wherein the continuous agitation is provided by a mechanical agitation block.
 - 13. The method of claim 10 wherein the continuous agitation is provided manually.
 - 14. The method of claim 10 wherein the anti-IgG matrix comprises a gel.
- 15. The method of claim 10 wherein the anti-IgG matrix comprises glass beads.
 - 16. The method of claim 10 wherein the red blood cells in step (b) are admixed with a low ionic strength diluent.

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- 17. The method of claim 16 wherein the low ionic strength diluent is less than about 0.03 M.
- 18. A method for reducing time to result in
 5 immunohematology assays, comprising :
 - (a) providing a microtube containing an upper chamber and a lower chamber which contains an anti-IgG matrix for separating agglutinated from non-agglutinated cells;
- (b) depositing a red blood cell sample to the upper chamber of the microcolumn;
 - (c) incubating the microcolumn at 37°C with continuous agitation for 2 minutes;
 - (d) centrifuging the microcolumn; and
- 15 (e) reading the result.
 - 19. The method of claim 18 wherein the continuous agitation is provided by a mechanical agitation block.
- 20 20. The method of claim 18 wherein the continuous agitation is provided manually.
 - 21. The method of claim 18 wherein the anti-IgG matrix comprises a gel.

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- 22. The method of claim 18 wherein the anti-IgG matrix comprises glass beads.
- 23. The method of claim 18 wherein the red blood 30 cells in step (b) are admixed with a low ionic strength diluent.
 - 24. The method of claim 23 wherein the low ionic strength diluent is less than about 0.03 M.

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